

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2005 (06.05.2005)

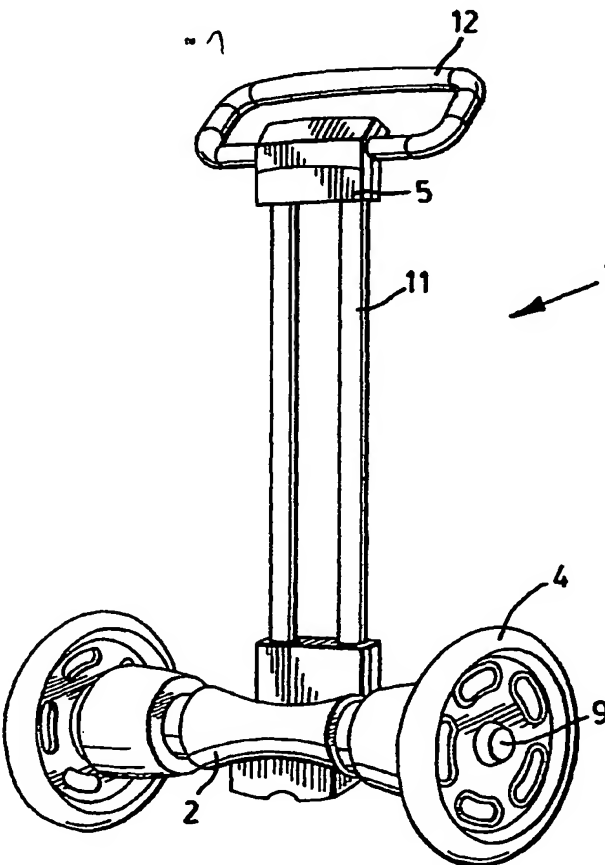
PCT

(10) International Publication Number
WO 2005/039961 A1

- (51) International Patent Classification⁷: **B62D 51/06**, B62B 5/00
- (21) International Application Number: PCT/CA2004/001875
- (22) International Filing Date: 26 October 2004 (26.10.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2,447,019 27 October 2003 (27.10.2003) CA
- (71) Applicants and
(72) Inventors: TREADWELL, Simon [CA/CA]; 2 Edgevalley Drive, Etobicoke, Ontario M9A 4N7 (CA). JENKINS, Alastair [CA/CA]; 28 Sir Williams Lane, Etobicoke, Ontario M9A 1V1 (CA).
- (74) Agent: EVERITT, Peter, R.; Kvas Miller Everitt, 3300 Bloor Street West, Suite 3100, Toronto, Ontario M8X 2X3 (CA).
- (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: MOTORIZED TOWING DEVICE



(57) Abstract: A motorized towing device comprising a chassis, at least one motor, at least two wheels, a controller, and a quick release attachment mechanism. The controller operates the motor to cause the rotation of the wheels and the movement of the chassis over a surface. The quick release attachment mechanism releaseably secures the chassis to an object desired to be towed or moved while permitting rotational movement of the device relative to the object about a generally horizontal plane.



FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments*

Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *with international search report*

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*